

Big Data Analytics (BDAT)

Ontario College Graduate Certificate

PART-TIME

Frequently Asked Questions

Do I need to apply?

Part-time students must apply to this program through ontariocolleges.ca
Use the code BDAX.

When can I start the program?

Intakes: September

How many courses do I take?

Full program details and Admission Requirements can be viewed on the [Program Outline](#).

Graduation requirements
12 Program Courses

Additional Information

To be successful in this program, students are required to have a personal notebook computer (either PC or Mac architecture) prior to the start of the program that meets or exceeds the following hardware specifications:

- Intel i7 processor or AMD equivalent
- dedicated graphics card/processor
- 16GiB of memory (32 GiB recommended)
- 500GB hard drive (SSD recommended)

What am I going to learn in this program?

Python is the core programming language, SQL, Hadoop, and Power BI. Cloud computing in Azure and/or AWS. Work is done in the Microsoft ecosystem. Given the pace of technological advancement in the field, the tools taught in the program are regularly updated.

If you do not have computer programming experience, it is recommended that you take a short online introduction to Python course. Python is a high-level, general purpose programming language with a design philosophy emphasizing code readability. You can find free courses at [Python For Beginners Courses Ranked from Best to Worst – freeCodeCamp Edition](#) as well as courses with fees from Udemy and Coursera.

How is this program delivered? Can I study online?

This program has a hybrid delivery. This means some courses are delivered online while other courses are in-person on campus.

Connect with the program coordinator, Pedram Habbibi, to discuss whether you can complete this program through online delivery. Pedram.Habbibi@GeorgianCollege.ca

How do I know which courses to take?

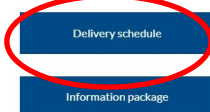
We have set a schedule up for you – review the [Delivery Schedule](#) posted on the program page:

Study Big Data Analytics part-time

Ontario College Graduate Certificate

Tell the story behind the information! This major growth area for applied research has been called the “sexiest job of the 21st century.”

Please refer to the [Big Data Analytics program page](#) for all of the main details, including admissions requirements.



On this page:

- [Program information](#)
- [Course information](#)
- [How to apply](#)
- [Frequently asked questions](#)
- [Contact us](#)



NOTE: The Delivery Schedule shows the order in which part-time students should take courses. This was set by the program coordinator and is highly recommended you follow the path to ensure you have courses to take each semester. If you have questions about which courses to take, connect with the program coordinator listed on the Delivery Schedule.

How long will it take to complete the certificate?

This varies depending on how many courses you take each semester. Total courses: 12
Students taking 3 courses per semester (Fall and Winter) will finish in 2 years.

What is the cost of the program?

There is no program fee when studying part-time. As a part-time student, you can take 1, 2 or 3 courses at a time in any given semester. Payment is per course, as you register.

The course fees change year-to-year and course to course. The best source for accurate fees is to check the website: [Big Data Analytics.](#)

See screenshot below.



Course information	
Course offerings and equivalents	
Currently available courses are linked below.	
Course title	Course code
Business Intelligence	BDAT 1010
Business Processes and Modelling	BDAT 1003
Data Analytics Project	BDAT 1011
Data Collection and Curation	BDAT 1008
Data Manipulation Techniques	BDAT 1000
Data Programming	BDAT 1004
Data Systems Architecture	BDAT 1002
Data Visualization	BDAT 1006
Enterprise Analytics	BDAT 1009

Each course listed links to course sections with fees:

Information Encoding Standards

BDAT 1001

Course description

Information is stored, transmitted and represented in many different forms and file formats. In this course, students evaluate and compare common technologies and standards that are used to encode and transmit information. Students gain hands-on experience selectively migrating and synchronizing data between different systems that can be utilized by a variety of different applications.

Credits

3

Course Hours

42

Students registering for credit courses for the first time must declare a program at the point of registration. Declaring a program does not necessarily mean students must complete a program, individual courses may be taken for skill improvement and upgrading.

For more information, please [contact Continuing Education](#)

Available Courses

Unless stated, the course fee does NOT include the textbook(s). Not all courses have required textbooks. See [registration dates](#) for courses that are not yet open.

Information Encoding Standards - BDAT 1001

Tuesday, Sept. 5, 2023

INFORMATION ENCODING STANDARDS - BDAT 1001

Fee: \$344.4

Course registration number: 10969

Start: Tuesday, Sept. 5, 2023

End: Friday, Dec. 15, 2023

Class times

Days	Times	Building - Room
Tuesday	10:00 a.m. to 12:50 p.m.	N - 202

NOTE: This course is delivered online and in person. [Learn more about GC Flex.](#)

Campus: Barrie

Add to cart

NOTE: Course sections and fees for this program show during the Part-time Credit registration (add/drop) period only.

This date can be found on our website: [IMPORTANT DATES](#)

Are part-time students eligible for OSAP?

Part-time students MAY be eligible – this is individual and based usually on number of courses you take per semester. For more information, visit our [Financial Aid](#) page.